



BADGER STATE Smoke Signals



Serving Amateur Radio In Wisconsin

Published Monthly Since 1969

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The Second Coming of W9YT.. by Fred Laun,
HK3NSB/K3ZO - 2nd part of a series...

While the transmissions from "WCCC" were intended to be heard by students, those of W9GOC were not. Yet, given the almost non-existent image rejection characteristics of the cheap "AC-DC" sets of the day - and every student had one - W9GOC was frequently heard and cussed at from one end of dormitory row to the other.

Through some perversity of Mother Nature, it turned out that when someone checked into the Badger Emergency Net, the image fell right on top of WIBA. In those days, it should be added, thirty-nine fifty was not merely a net frequency; it was also known as the international testing frequency, scene of the great battles of the Kilowatts between W9HIF and W9PYM; of the great humorous monologues and flights of fancy between W9HIF and W9LUQ.

It was the home of the bootlegger and frustrated would-be-hams from rural Janesville who would play music on request from a fabulous record library. Throughout the daylight hours, in other words, you had to participate on thirty-nine fifty or be deemed to ignorance about what was happening in Wisconsin Ham Radio.

Eventually, tired of escaping through a back window of the clubroom to get away from angry students wielding baseball bats, we decided to do something to establish a club station somewhere else.

W9VAK was on some kind of a student engineering council which had \$350 to burn. In the Electrical Engineering Building was the MARS station of Army-ROTC, K9WBJ.

(Yes folks, in those days all stations with the prefix K9 were military club stations; only in the 2nd and 6th districts had the FCC run out of W prefixes.) The Army had never been able to get permission to put up more than a dipole on the roof, and wanted to add a beam.

Thanks to our faculty adviser, Prof. Glenn Keehler, we had the permission for the beam. Therefore we talked the Army into letting us use the station in off-hours in return for letting them use the beam during classroom hours - the \$350 went to buy a World Radio TH-4, one of the first tribanders (the antenna division of World Radio later branched off on its own as Hy-Gain), and rotator, plus coax and rotor cable. There was already a crankover tower on the roof.

The Badger Amateur Radio Society was thus established, affiliated with the EE Faculty. Prof. Keehler, rummaging thru old files, came up with a license issued to the U.W. Physics Department for an Amateur club station in the thirties with the call W9YT. On presentation of that license to the FCC, they agreed to re-issue the call to our new society.

In those days, two-letter calls had not yet been reissued and it was rare to hear one on the air. The idea that we young, wet-behind-the-ears types were coming on with a two-letter call caused no end of criticism on the Badger Net the first few times we checked in. At one time, it had been a tradition to reserve the "Y" following the number for college clubs, i.e. W9YH/Illinois, W9YB/Purdue, W6YX/Stanford, etc.

(Part three next issue)

Badger State Smoke Signals officers: Ken Ebnetter, K9EN, Chairman, 822 Wauona Tr., Portage, Wis; Jim Decker, WB9UQT, Treasurer, P.O. Box 337, Baraboo, Wis. 53913-0337; Editor/Publisher, Jim Romelfanger, 1414 Martiny Ct #6, Baraboo, Wis. 53913. All editorial material, ads and subscriptions should be sent to the Editor. 1 yr sub is \$6.00, 2 yr sub is \$11.50 and 3 yr sub is \$17.00. This paper is published monthly.

Sentence Sermon: We have committed the Golden Rule to memory; let us now commit it to life.

—Edwin Markham

Complete station for sale: All Heathkit; QSK CW. HR-1680 receiver; HR-1681 transmitter; HS-1661 matching speaker; PS-23 power supply. Complete with all hookup cables, circuit board extender for tests; and all manuals. Will throw in some used tower sections and antenna cable. Transmitter factory aligned and checked. The whole works for \$600.00 C.O.D. Loren Bartels, Rte. 5, Baraboo, Wis. 53913. (608) 356-5204.

Coming Swapfests: Wheaton Community Radio Amateurs Hamfest is Feb. 6 at Arlington Park Race Track Expo Center. Free flea market tables; lots of commercial displays. General info from W9JTO (312) 231-9524. Clear paved parking. Tickets \$3 at door, 2.50 advance for SASE to WCRA, P.O. box QSL, Wheaton IL 60187. Open 8 a.m. Talkin 01/61 and 94 SIMPLEX.

Jefferson WI Swapfest Sunday, March 20, 1983. QTH Jefferson County Fairgrounds. More next issue.

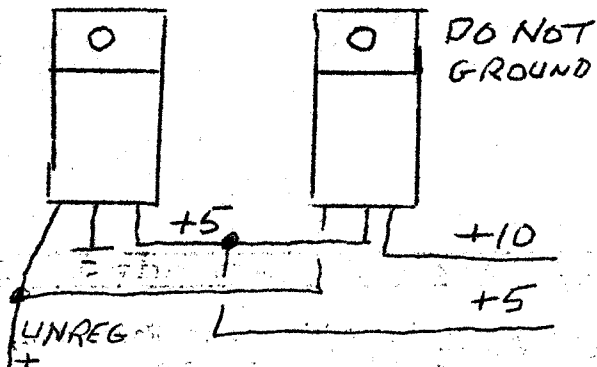
Madison Swapfest is April 10 at Forum Building near the Coliseum on Mad City's south side. More later.

Two Wisconsin Swapfests are both set for Saturday, May 7. You take your pick of the Ozaukee RC Swapfest in Cedarburg, or the 3-F event in Neenah. Hope to have flyers with this paper.

Retrospect: West Allis RAC Swapfest was a great success; Dave, WA9POV sez about 2000 warm bodies were there. Food was great. Nice job, guys and gals!

Tech Stuff:

Recently built a project needing both +5 and +10 volts, and, with a suggestion from Jim, WB9UQT, worked out this scheme. It filled the bill and it hasn't crashed yet:



Both regulators are 7805s. With the gnd lead of the second regulator connected to the +5 output of the first 7805, it is booted to give 10 volts output. This is not guaranteed to be proof against regulator failure, but mine has been running several months and nothing has gone amiss. Remember that you cannot ground the tab or the center lead of the second 7805. It is at +5 volts. It should be insulated & heat sunk. (sanked?)

Westlink Report: Copyright Poco Press; Used by permission...

One of the largest explosions on the sun's surface these last ten years released vast quantities of energy and atomic particles Tuesday, Dec. 14. The solar flare adversely affected radio communications by way of a magnetic storm that occurred between approximately 7 p.m. EST Dec. 15 and early Friday the 17th. According to Paul Oles Director of the planetarium in Pittsburgh, atomic particles bombarded the upper atmosphere, causing bright displays of the Northern Lights (Aurora Borealis) to occur over much of the northern U.S.

Scientists at NOAA in Boulder, Colorado noted that the sun released more energy in this flare than the Earth uses in an entire year, and gave it an "X-12" rating. ("X" is the largest of the 3 classes of solar flares.) Thx WORCL.

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Yellow Thunder ARC News: The first meeting of 1983 of the club was held Monday, 17 January in room 34 of the Baraboo Civic Center. Present were these faithful:

Jim Romelfanger, K9ZZ, Baraboo
 Harry Mayland, K9FFT, Baraboo
 Duane Grotophorst, KA9HKL, Sauk City
 Ken Ebnetter, K9EN, Portage
 Ted Meyer, N9BXY, Baraboo
 Bob King, KA9QNY, Baraboo
 Jim Decker, WB9UQT, Baraboo
 Art Kleefisch, W9WSS, Baraboo

No quorum, no elections could be held. The club may have to mail ballots and will very likely do so with the next issue. No nominee will be on a ballot unless an OK has been given by him/her.

In discussion, it was decided that the March meeting will be in Portage, at a location to be found by K9EN. The proposed swapfest was discussed, with Ted, N9BXY, to check about the Baraboo Armory (and it is available for May 22). K9ZZ will check the Sauk County Fairgrounds. It does look like the Armory wins in every respect. Please spread the word.

SS set for 27 Jan at K9EN's. Exec Mtg set for 30 Jan at Baraboo Country Kitchen. Binary Buck Nite winner was Thom Watson, KA9MAY, who missed \$3.00. Next month, it takes a quantum leap to \$4.00.

Meeting adjourned.

Evelyn Fox, WB9QZA, is in the news again! This venerable member was the subject of a feature in the "Through the Years" section of the Baraboo News on 30 December 1982. Included was a great full-size cover photo of Evelyn and two other pix.

The story was done by Jeff Strobel of the Baraboo News staff, and Jeff did a fine job. All details were accurate. We congratulate Evelyn on being the subject of a very inspiring story. Your editor forgot to list her birthday recently. She just became 86 years of age.

In the story, she tells of a QSO in which she gave the other op her age, and the other op said, "You're just a kid." She asked his age, and he said, "93." Evelyn, you are truly inspiration personified! ed

WELL SHUX,...We did a bit better, attendance-wise, but we need more of our more local folk to attend meetings. The wx was indeed bad meeting nite, extremely cold. Don't worry about being railroaded into an office (pardon the pun, Fred!) Won't happen, but we should have a quorum so we can work out some kind of arrangement so the "figurehead," "El presidente" comments can be put to rest where they belong..the deep six. But, it will take YOU do do it.

There are two other clubs in the same situation, one is clearing itself up, the other still having trouble getting quorums. See! We aren't alone. With constructive thinking and action, we'll get along just fine. See you at the Feb. meeting on the 15th (Tuesday.) Your questions about frequency counters will be laid to rest. Come find out how the Megahertz Monitors work! 7:30 p.m., room 34, Baraboo Civic Center.

One Fenruary birthday shows up on the green 1982 renewal forms:

Dorothy Moore, K9BBL, Hartford WI, 2-20. Happy Birthday, Grandma! Many more to you!

Member News: Gerry von Klein, WA9GYF, a YTARC Charter Member, reports he had a bit of repair to his internal plumbing. Gerry is in chemotherapy and, so far, so good. Gerry, hope it stays that way!

John Hansel, WB9TIG, Baraboo, has taken a bit of a hiatus from Ham Radio and is hard at work doing restoration and repair on..cars! John, can you put a new choke on my '64 Olds?...Phil, W9TP, is more busy than ever, with his growing LCA Lutheran parish in Baraboo. Phil is also Secretary of the Baraboo Kiwanis Club...

Kinda the same with Art, W9WSS, as his work at Industrial Coils ties him down, along with a computer to challenge... Harold Reif sez that mebbe..just mebbe.. he might take a shot at the Novice... GREAT, Harold!...May be Novice classes in Baraboo soon; watch the media.

Duane, KA9HKL, has a ZX-81 and is writing programs. 'Way to go. See ya next month.

What's Happening? The first shot at having Amateurs write and administer their own applicants their exams will be at the Dayton Hamvention. I understand the tests will be for General and up. Also believe FCC will watch closely for glitches and some ideas to improve the program and get it ready for "public consumption." The FCC's goal is to dump all Amateur examinations into the Amateurs' laps. Gotta be careful...

Badger State Silent Keys:

W9YKE, Chas. Roberts, Cottage Grove
W9PN, Tom Peterson, Madison
WD9ESP Mark Tomlinson, Poynette

Our condolences to the families of these Amateurs.

Wisconsin ARRL Restructuring is on course sez SM (Section Manager) Roy Pedersen, K9FHI. Appointed posts by Roy are:

Affiliated Club Coordinator - Dave Knaus
WA9POV, Milwaukee
State Government Liaison - Russ Fleming,
WB9NYG, Waunakee
Official Observer Coordinator - Dale Ristrom, WD9ESZ, Pence
Bulletin Manager - Bob Dunn, KA9CPA, Iola
Public Information Officer - Jim Romelfanger, K9ZZ, Baraboo
Section Emergency Coordinator - Gary Maples, W9OAK, Wausau
Section Traffic Manager - Gene Santoski, K9UTQ, Wis. Rapids.

Roy still needs a Technical Coordinator. If interested, write Roy Pedersen, K9FHI, 510 Park, Juneau WI 53039.

Another new Novice in Wisconsin is KB9NG's mother..at age 70; she is active from Racine. Congrats!

Novices & Techs! YOUR contest comes up in late January. It runs from 0001Z Jan. 29 and ends at 2359Z Feb. 6. Full details in January 1983 QST, p.p. 86 and 87.

New WARC Band Stolen: From GEARVAKf, Winter 1981..(The 'f' is silent)...

Late last week the League of Radio Relaying Americans requested FCC help in finding the new 18 Megahertz band which was

reported missing two weeks ago. "We haven't the faintest idea where it is or who took it," said League Spokesperson Akim Kariim Talliaferro-Smythe, Jr. When contacted, FCC Spokesperson Sandy Amper-sand said about the band's disappearance "I didn't even know we had an 18 Megahertz band. I guess this means we'll have to start posting guards on all the rest."

FCC Commissioner Ann M. Shabop, on an alligator wrestling tour in Florida, was not available for comment.

Other Stuff: Start thinking now about the Wisconsin QSO Party sometime in March or April. It's a lot of fun; I believe the West Allis RAC will again be the sponsor. The club competition in the Party is gaining steam..whose club will be at the top this year (using regular members)? CU in the pileups.

Denny, K9BIL, Cottage Grove, hit the jackpot; worked BY8AA in the People's Republic of China. 'Way to go, Denny! (Denny, is it CG or Marshall??) Sri if I moved u!

Careful on the 10 MHz band; stay off 10.109 to 10.115 - verboten! Save a few bux and ur license. Allowed: 10.100 to 10.109 and 10.115 to 10.150.

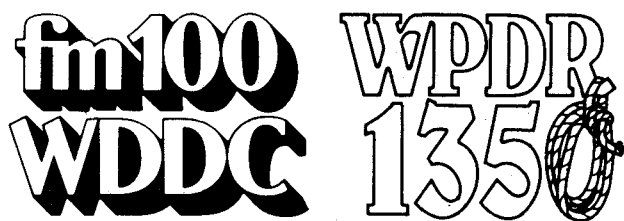
Ken, K9EN, is getting his 2-meter SSB/CW transverter up and running and shud show up on RS and OSCAR soonly. Anyone else in Wisconsin squirting RF at the birds?

A woman has two chances to a man's one of becoming a success. If she can't get what she wants by being smart, she can get it by playing dumb...Sure looks suspicious when you see K9EN golfing in the rough..with a tee in his mouth...

During the examination, an immigrant said to the inspecting officer, "I want to come to the U.S. to lead a peaceful life and make an honest living." The inspector quipped, "Good, that's one field that's not overcrowded."

Send ur news and ads to Badger State SS to K9ZZ. Ads 50¢ a line. Be looking fer your items! --k9zz--

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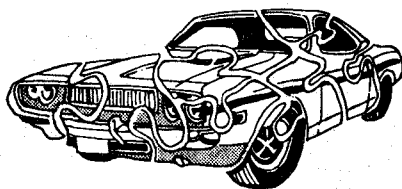


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THIRD CLASS MAIL

Late News: ARRL President Vic Clark, W1KFC, will discuss "The Future of Amateur Radio" on the "Teleconference Radio Net" Thursday, March 3 at 7:30 p.m. CST. Amateurs are invited to participate in full two-way contact of Amateur Radio repeaters. This will be the "largest and most widespread interconnection of radio repeaters ever accomplished." It demonstrates both "the power of advanced multipoint teleconferencing to reach people wherever they are and the technical sophistication of ham radio." Wisconsin repeaters scheduled to take part are

Milwaukee - WB9ZOT/R - 145.13
Madison - WR9AVT (sic) - 146.76 (That should be WR9ABT - printed as it appeared in the ARRL Letter. -ed.)

The Net is organized by the Honeywell Amateur Radio Clubs of Minneapolis, Phoenix, and Billerica. The multipoint teleconference bridge used for the Net is a 20 port Darome "Co-Convenor" owned by Republic Airlines in Minneapolis. The bridge operator is Lou Appel, KØIUQ. National Net Manager and NCS is Rick Whiting, WØTN.

Teleconference Radio Nets will be held

quarterly this year. On Thursday, June 2 at 7:30 p.m. CST Joe Riesert, W1JR, is scheduled to discuss antennas. For more info, contact Rick at 612-870-2071 days.

Call signs as of January 10, 1983:

Group A	Group B	Group C	Group D
KS9B	KC9WP	N9DRR	KA9OSN

Excerpting - FCC has adopted two Notices of Proposed Rule Making, one about the Volunteer Exam Program, the other about a code-free license. No specific details were available at press-time. Code-free could be one of 2 ways: (1) Dropping the code requirement for Technician or (2) a so-called "digital license" ala Canada. The present Tech class would be retained, with CW access to the Novice bands. They are both only proposals; I expect there will be comment deadlines set. Watch the ARRL Letter and listen to W1AW Bulletins for more info as it is released.

The League filed on Docket 82-726, regarding logging, supporting deleting the logging need, but requesting international tlc logs be kept. Thanx ARRL Letter.